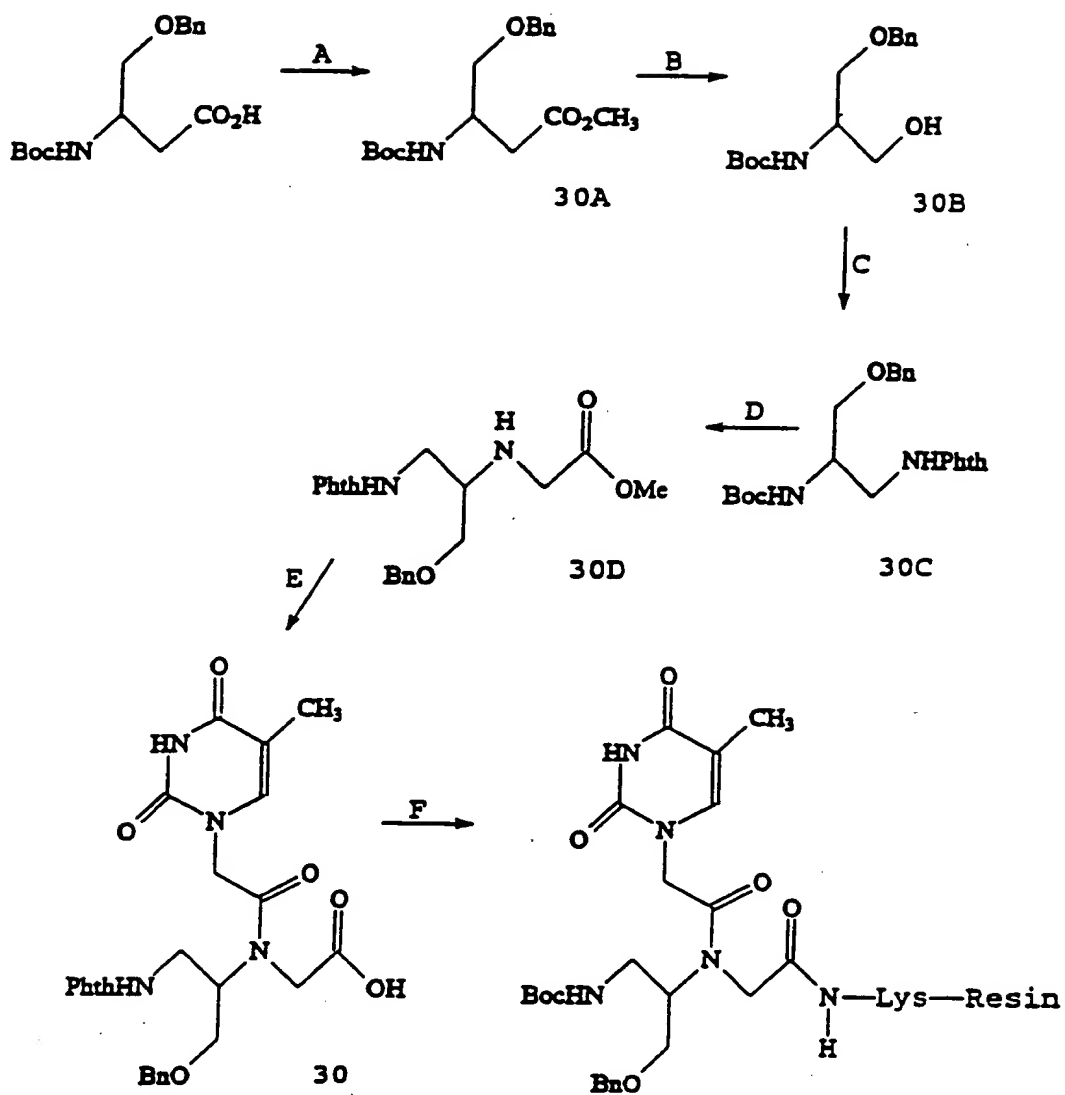
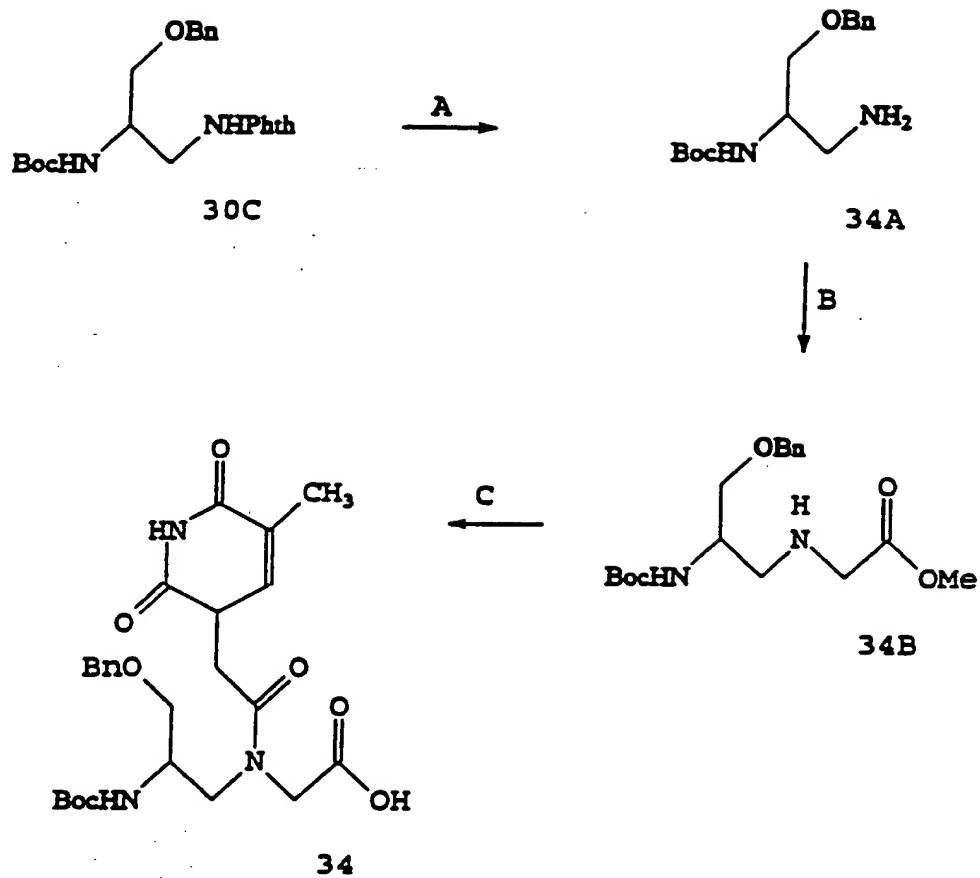


APPROVED	D.G. FIG. 1	
BY	CLASS	SUBCLASS
DRAFTSMAN	536	300



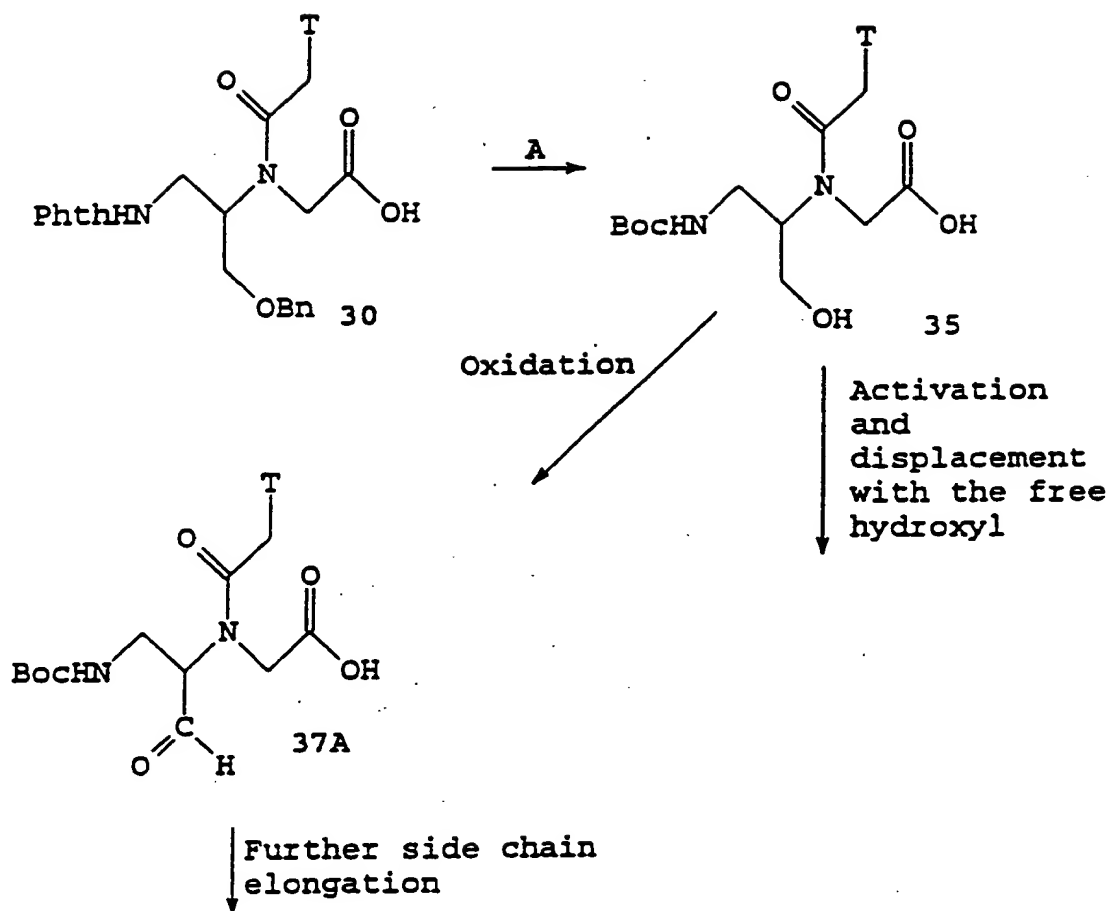
- A. Diazomethane, MeOH
 B. LiBH₄, MeOH
 C. PPh₃, Phthalimide, DEAD
 D. TFA, CH₂Cl₂, NaHCO₃, Methyl bromoacetate
 E. 1-Thyminylacetylchloride
 F. H₂NNH₂, Boc₂O, NaOH, MBHA Lys resin

Figure 1



- A. Hydrazine, Ethanol
 B. Methyl bromoacetate
 C. 1-Thyminylacetylchloride

Figure 2



A. H_2NNH_2 , $Boc_2O/NaOH$, $LiBH_4/MeOH$

Figure 3

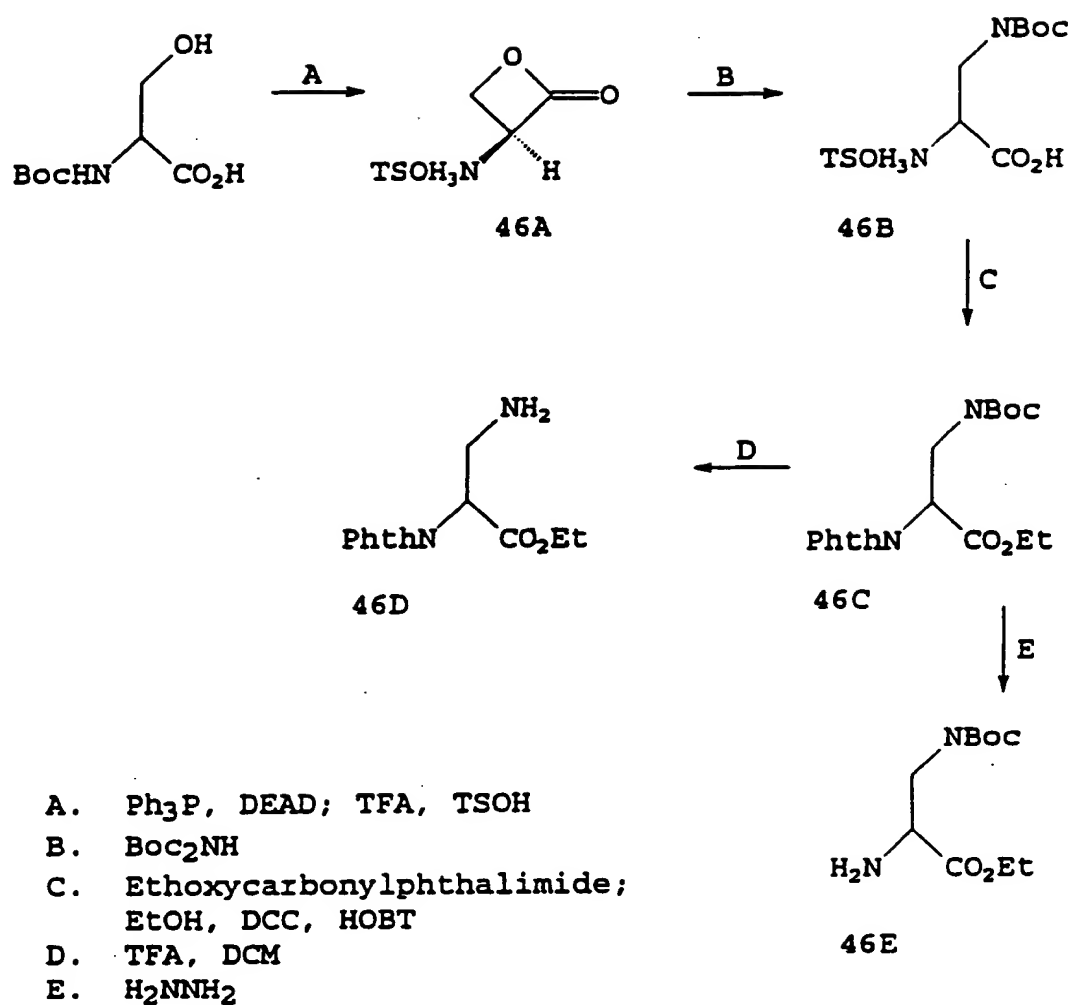
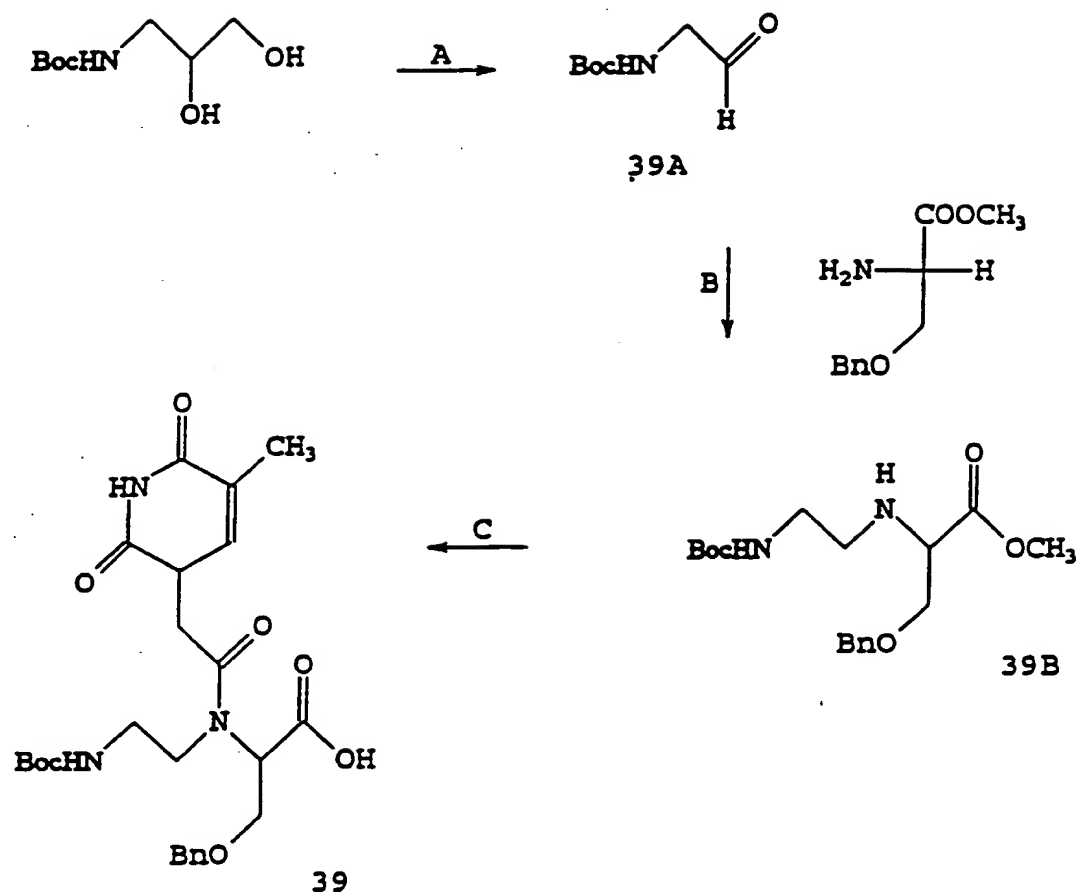


Figure 4



- A. Potassium m-periodate
 B. Glacial acetic acid, Sodium triacetoxyborohydride
 C. N-1-Carboxymethylthymine (Compound 3), 1N NaOH

Figure 5

APPROVED	O.G. FIG. 1.	
BY	CLASS	SUBCLASS
DRAFTSMAN	530	300

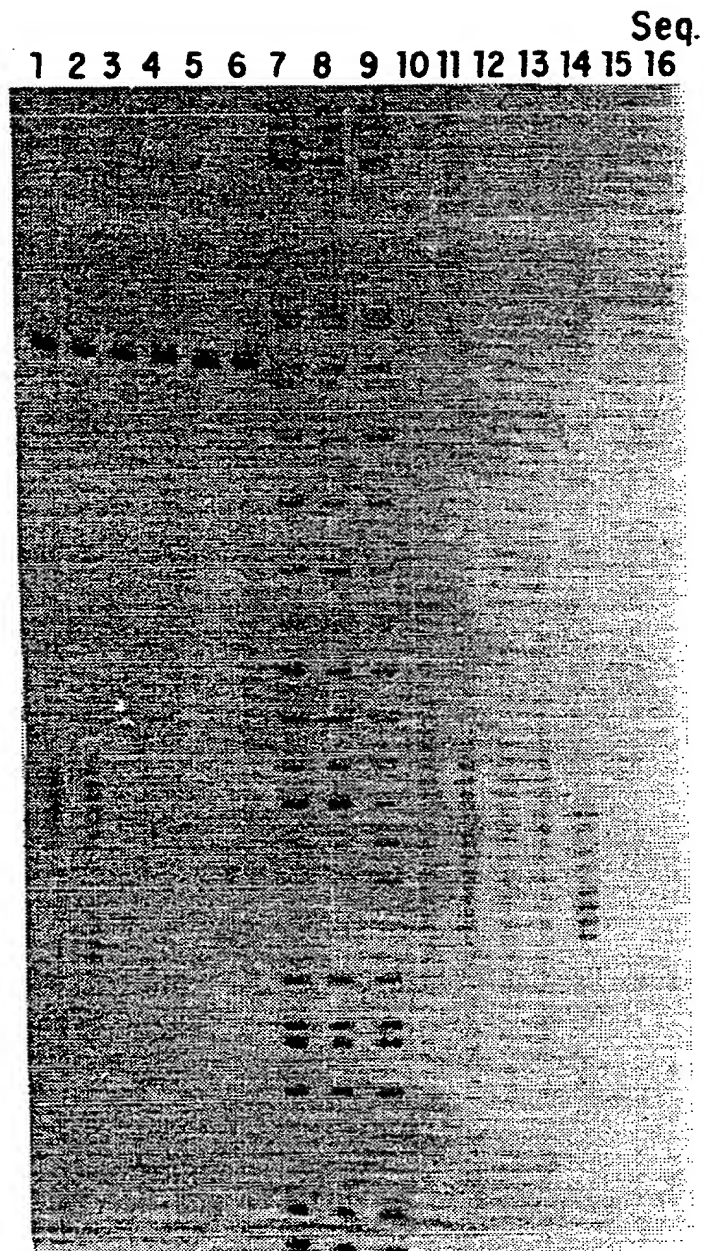
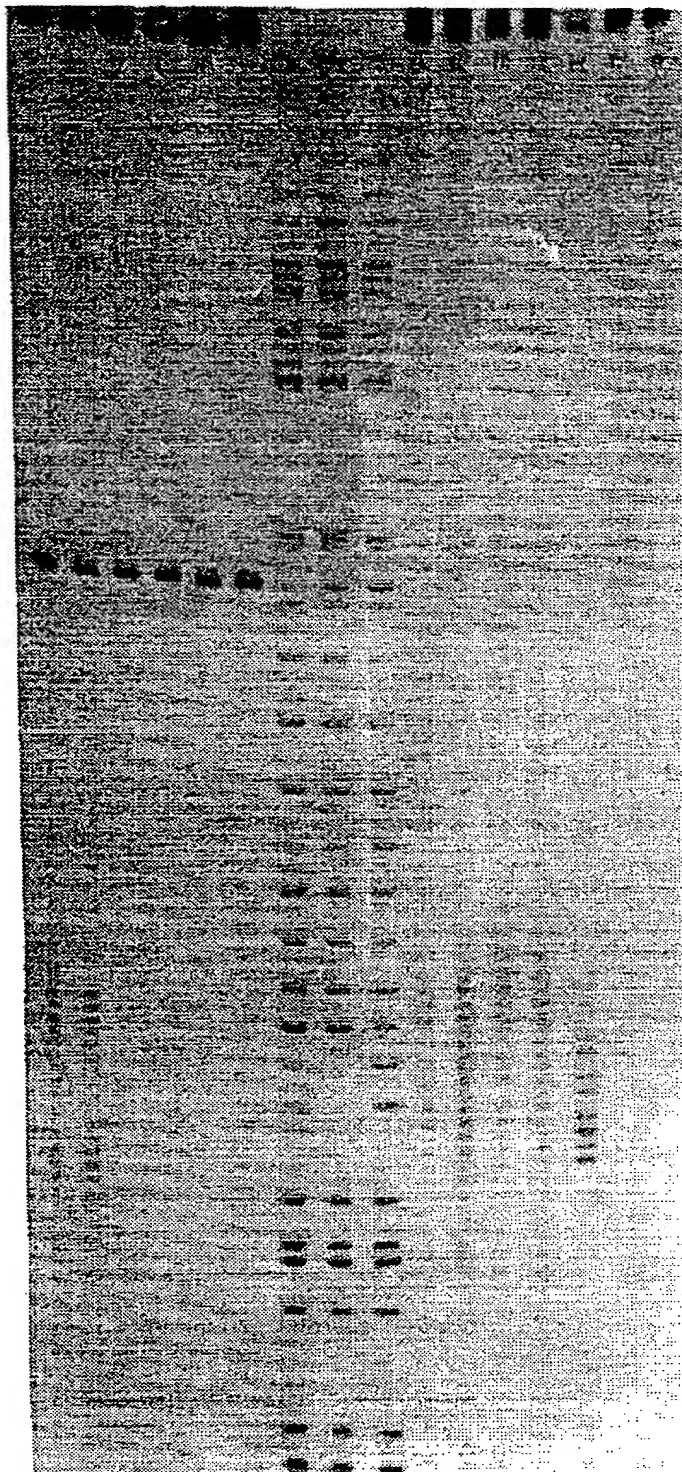


FIG. 6

APPROVED	O.G. FIG. 1.	
BY	CLASS	SUBCLASS
DRAFTSMAN	530	300

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PNA	+	+	+	+	+	+	+	+	-	+	+	+	+	+	-	S
+EDTA-DTT	⊕	—				⊖	—				—					

DMS/KMnO₄



PNA
Target

FIG. 7